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=> set plurals on perm
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=> file uspatall
COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FILE 'USPATFULL' ENTERED AT 11:10:20 ON 13 DEC 2004

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FILE 'USPAT2' ENTERED AT 11:10:20 ON 13 DEC 2004
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=> s (substantially random (2w)interpolymer)(2a)film
L1 3 (SUBSTANTIALLY RANDOM (2W) INTERPOLYMER)(2A) FILM

=> d l1 1-3 ibib abs

L1 ANSWER 1 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2004:215242 USPATFULL
TITLE: Multilayer shrink film with polystyrene and
polyethylene layers
INVENTOR(S): Taghavi, Shane, Toronto, CANADA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004166348	A1	20040826
APPLICATION INFO.:	US 2003-731452	A1	20031209 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-432183P	20021210 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	ROBERTS ABOKHAIR & MARDULA, SUITE 1000, 11800 SUNRISE VALLEY DRIVE, RESTON, VA, 20191	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	830	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A multilayer shrink film and methods of making same comprising one or more polyethylenic layers, one or more polystyrenic layer and polystyrene compatibilizing layers situate between each polyethylenic layer and polystyrenic layer wherein the polystyrene compatibilizing layers comprise less than 1% by weight substantially random interpolymer. The multilayer shrink films of the invention are produced using film biaxial orienting means.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L1 ANSWER 2 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2002:250975 USPATFULL
TITLE: Elastic films made from alpha-olefin/vinyl aromatic
and/or aliphatic or cycloaliphatic vinyl or vinylidene
INVENTOR(S): Cheung, Yunwa W., Lake Jackson, TX, UNITED STATES
Guest, Martin J., Lake Jackson, TX, UNITED STATES
Van Volkenburgh, William R., Lake Jackson, TX, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002136916	A1	20020926
APPLICATION INFO.:	US 2002-57176	A1	20020125 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1999-317390, filed on 24 May 1999, GRANTED, Pat. No. US 6376095		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-88974P	19980611 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	

LEGAL REPRESENTATIVE: THE DOW CHEMICAL COMPANY, INTELLECTUAL PROPERTY
SECTION, 2301 N BRAZOSPORT BLVD, FREEPORT, TX,
77541-3257

NUMBER OF CLAIMS: 26
EXEMPLARY CLAIM: 30
LINE COUNT: 2325

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention pertains to elastic films having at least one layer comprising a substantially random interpolymer or a blend thereof. The interpolymer comprises polymer units derived from at least C.sub.2-20 α -olefin and (i) at least one vinyl aromatic monomer, or (ii) at least one aliphatic or cycloaliphatic vinyl or vinylidene monomer, or (iii) a combination of at least one aromatic vinyl monomer and at least one aliphatic or cycloaliphatic vinyl or vinylidene monomer. The interpolymer may also comprise one or more ethylenically unsaturated polymerizable monomers other than those previously mentioned. The elastic films have a recovery in the cross direction of greater than or equal to about 80% and has a recovery in the machine direction of greater than or equal to about 60%.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L1 ANSWER 3 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2002:88131 USPATFULL
TITLE: Elastic films made from alpha-olefin/vinyl aromatic and/or aliphatic or cycloaliphatic vinyl or vinylidene interpolymers
INVENTOR(S): Cheung, Yunwa W., Lake Jackson, TX, United States
Guest, Martin J., Lake Jackson, TX, United States
Van Volkenburgh, William R., Lake Jackson, TX, United States
PATENT ASSIGNEE(S): The Dow Chemical Company, Midland, MI, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6376095	B1	20020423
APPLICATION INFO.:	US 1999-317390		19990524 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-88974P	19980611 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Thibodeau, Paul	
ASSISTANT EXAMINER:	Tarazano, D. Lawrence	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	2318	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention pertains to elastic films having at least one layer comprising a substantially random interpolymer or a blend thereof. The interpolymer comprises polymer units derived from at least C.sub.2-20 α -olefin and (i) at least one vinyl aromatic monomer, or (ii) at least one aliphatic or cycloaliphatic vinyl or vinylidene monomer, or (iii) a combination of at least one aromatic vinyl monomer and at least one aliphatic or cycloaliphatic vinyl or vinylidene monomer. The interpolymer may also comprise one or more ethylenically unsaturated polymerizable monomers other than those previously mentioned. The elastic films have a recovery in the cross direction of greater than or equal to about 80% and has a recovery in the machine direction of greater than or equal to about 60%.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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L1 ANSWER 3 OF 3 USPATFULL on STN

SUMM Additives such as antioxidants (e.g., hindered phenols such as, for example, Irganox® 1010, and phosphites, e.g., Irgafos.TM. 168, (both are registered trademarks of, and supplied by Ciba-Geigy Corporation, NY), u.v. stabilizers (including Tinuvin.TM. 328 and Chimassorb.TM. 944, both are registered trademarks of, and supplied by Ciba-Geigy Corporation, NY), cling additives (e.g., polyisobutylene), slip agents (such as erucamide and/or stearamide), antiblock additives, colorants, pigments, and the like can also be included in the interpolymers and/or blends employed to prepare the elastic films of the present invention, to the extent that they do not interfere with the elastic properties of the **films** comprising the **substantially random interpolymers**. Processing aids, which are also referred to herein as plasticizers, are optionally provided to reduce the viscosity of a composition, and include the phthalates, such as dioctyl phthalate and diisobutyl phthalate, natural oils such as lanolin, and paraffin, naphthenic and aromatic oils obtained from petroleum refining, and liquid resins from rosin or petroleum feedstocks. Suitable modifiers which can be employed herein as the plasticizer include at least one plasticizer selected from the group consisting of phthalate esters, trimellitate esters, benzoates, adipate esters, epoxy compounds, phosphate esters (triaryl, trialkyl, mixed alkyl aryl phosphates), glutarates and oils. Particularly suitable phthalate esters include, for example, dialkyl C4-C18 phthalate esters such as diethyl, dibutyl phthalate, diisobutyl phthalate, butyl 2-ethylhexyl phthalate, dioctyl phthalate, diisooctyl phthalate, dinonyl phthalate, diisononyl phthalate, didecyl phthalate, diisodecyl phthalate, diundecyl phthalate, mixed aliphatic esters such as heptyl nonyl phthalate, di(n-hexyl, n-octyl, n-decyl) phthalate (P610), di(n-octyl, n-decyl) phthalate (P810), and aromatic phthalate esters such as diphenyl phthalate ester, or mixed aliphatic-aromatic esters such as benzyl butyl phthalate or any combination thereof and the like.